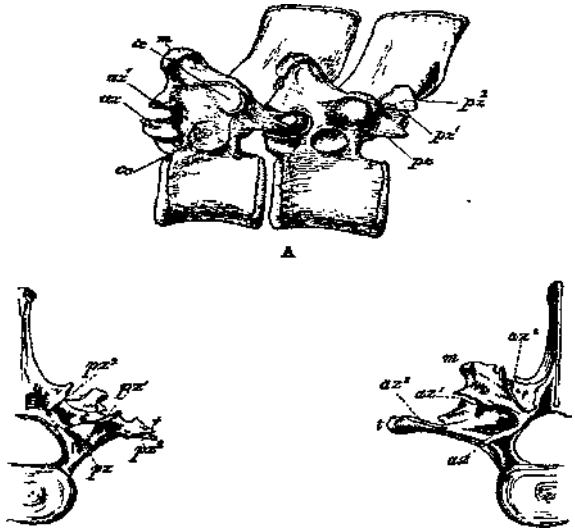
The first of these characters is the series of additional zygapophyses on the posterior dorsal and lumbar vertebrae; these are very clear in the Anteaters and Armadillos; less clear, but still obviously represented, in the Sloths. In the second place, they all possess a clavicle., rudimentary, it is true, in the



Fia. 89.—Great Anteater *(Afyrmecophoffa fit&ata).* A, Side view of twelfth and thirteenth thoracic vertebrae. B, Posterior surface of second lumbar vertebra, C, Anterior surface of third lumbar vertebra, x §. *a.z,* Anterior zygapophysis ; CKs' *a^r oaf,* additional anterior articular facets ; *cc,* facet for capitulum of rib j *m,* meta-pophysis j *pz,* posterior zygapophysis ; *pz| p&, pz*,* additional posterior articular facets ; *t,* transverse process ; *tc,* facet for articulation of tubercle of rib. (From Flower's *Osteology.)*

Great Ant-bear, but still present. Thirdly, the testes are abdominal throughout life, a character which they share with such lowly-organised animals as the Monotremata and the Whales. Finally, -and this is by no means a matter to be over-looked, not only are all the existing members of this group American in range, but there is no evidence to prove that they have ever existed elsewhere. Ko European or Old-World repre-